

1635

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RAW SEQUENCE LISTING DATE: 03/27/2001
PATENT APPLICATION: US/09/490,609B TIME: 07:45:50

Input Set : A:\3170SeqList.txt
Output Set : N:\CRF3\03272001\I490609B.raw

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242 gatecacaq cacaagtqec ttttqaacaa cacaagtqec tqeageatii qaadaccaa 60
244 cacaqgtca taadacaaat ataqgtqec qaaqcatqec aqacttcaat ttccaaqqq 120
W--> 246 ctaaataggc caccaaatg cagcaatgc gtgccaagn tctactacag cactgtaag 180
248 aaccaatgc tqaaqaaatq aqacttct qactaagt qaaacatc aqacttcaat 240
250 ctqacettq ataaaccaaca aatqddaaqa qttqttqtc tttttaqec atttta 295
253 <210> SEQ ID NO: 14
254 <211> LENGTH: 188
255 <212> TYPE: DNA
256 <213> ORGANISM: Rattus norvegicus
258 <400> SEQUENCE: 14
260 gatecacaq qaaqaaatq aqacttctt tqeactctt ggtatccctt cacaagtqec 60
262 ctqatctt qacttcaatq qaaqacttqec aqttqttqec aqacttqec atqatqtc 120
264 aqatqatqec aqactaactt ttaaqecacaq atqaaqtgc ttctqccctq qccaaactt 180
266 ctqatctt 188
268 <210> SEQ ID NO: 15
270 <211> LENGTH: 194
271 <212> TYPE: DNA
272 <213> ORGANISM: Rattus norvegicus
273 <400> SEQUENCE: 15
274 gatecettit cccaaqtgata cccaaqttq atttqatttgc cqttttqgt ccatqftqgt 60
276 atqatqttqga atqgttqagca atatqaaqaa aqcatqttt ctetcaaggac attttcttqgt 120
280 ctqatqatqec aqacttqtc atqetcaaga tagttqtcg ctetgttaca ctatcttc 180
282 aqatqatqgttq ecua 194
283 <210> SEQ ID NO: 16
286 <211> LENGTH: 164
287 <212> TYPE: DNA
288 <213> ORGANISM: Rattus norvegicus
289 <220> FEATURE
291 <221> NAME/KEY: unsure
292 <222> LOCATION: (1)..(164)
293 <223> OTHER INFORMATION: unsure at all n locations
295 <400> SEQUENCE: 16
W--> 297 gatccngact gagaagaggc tcaacacggc cccctacata gttggcgttca acaagcaaga 60
299 ttttqatqgtt aqacttcaaa cqaatqatqgtt aqacttactt tctqaaqggc qaaatqatqga 120
301 qaaatqatqec aqtttcttct ttaaaqaaqttt cagccctaaac ctta 164
304 <210> SEQ ID NO: 17
305 <211> LENGTH: 43
306 <212> TYPE: DNA
307 <213> ORGANISM: Rattus norvegicus
309 <220> FEATURE
310 <221> NAME/KEY: unsure
311 <222> LOCATION: (1)..(43)
312 <223> OTHER INFORMATION: unsure at all n locations
314 <400> SEQUENCE: 17
W--> 316 gatccctgag atgcccctaga tcaatgncat gactatgaca tta 43
319 <210> SEQ ID NO: 18
320 <211> LENGTH: 426
321 <212> TYPE: DNA
322 <213> ORGANISM: Rattus norvegicus

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224 <400> SEQUENCE 18
 225 qatcgtggc caaqaayaac acatccaatq ctqaqaccctq tggaaqqagtc aqcaactqqq 50
 226 attqaagga tcaatgtat tagaccacat qqaactqtaq ctggccacag ctaaactca 120
 227 qaaqaccata qqaactqac agatgtcag tcaatgtcaq aqatqqatt tqaacactt 130
 228 qtaqgtqact qtgtacqgtt aaaaacaqgg acttccttac aaccacqggaa tggcttqqaqt 210
 229 qtcttcctgtq aqppccacac ccctqgatgt ccagtccttcc tctqqqctcc tcaatqaga 300
 230 qetaigcatt gtgtgtgtq qtqaccctgc agggacaccc ctttgttctt qacagccaca 360
 231 qcttcataq aqctgtgtt tcttgtq aqatcttccct qgatgactgc 420
 232 tggta 426
 233 <210> SEQ ID NO: 19
 234 <211> LENGTH: 212
 235 <212> TYPE: DNA
 236 <213> ORGANISM: *Rattus norvegicus*
 237 <400> SEQUENCE 19
 238 qatcgttgc tccgttggg aaacaaqagcc qtgtaccatq qtgtcaacgg qcagtttqag 50
 239 qaqtqaagac aqgtgttca tttcaqagt tttgttqaccgtt qgttcttccac ctggqagt 120
 240 qetaqgtat ttcgtatgtt gggattatgt cgtcccccqag cccaaacctca acgagggtgt 180
 241 qtttqatgttq agatccatqcc agaaatttggt ta 212
 242 <210> SEQ ID NO: 20
 243 <211> LENGTH: 216
 244 <212> TYPE: DNA
 245 <213> ORGANISM: *Rattus norvegicus*
 246 <400> SEQUENCE 20
 247 qatcgttgc ttttttttttccat ctgttqgttc ttttttttttqat ttataacagg 50
 248 qaqtqaagac qqaatgtat ttttttttttccat gaaaaagggt qtctcttggcc atccttqgat 120
 249 qetaqgtat qtttttttttccat qtttttttttccat qtttttttttccat qtttttttttccat 180
 250 qetaqgtat aqctctgtcc atttttttttccat qtttttttttccat 216
 251 <210> SEQ ID NO: 21
 252 <211> LENGTH: 286
 253 <212> TYPE: DNA
 254 <213> ORGANISM: *Rattus norvegicus*
 255 <400> SEQUENCE 21
 256 qatcgttgc ttttttttttccat ctgttqgttc ttttttttttqat qtttttttttccat 50
 257 qaqtqaagac qqaatgtat ttttttttttccat gaaaaagggt qtctcttggcc atccttqgat 120
 258 qetaqgtat qtttttttttccat qtttttttttccat qtttttttttccat qtttttttttccat 180
 259 qetaqgtat qtttttttttccat qtttttttttccat qtttttttttccat qtttttttttccat 240
 260 qetaqgtat qtttttttttccat qtttttttttccat qtttttttttccat qtttttttttccat 286
 261 <210> SEQ ID NO: 22
 262 <211> LENGTH: 227
 263 <212> TYPE: DNA
 264 <213> ORGANISM: *Rattus norvegicus*
 265 <220> FEATURE
 266 <223> NAME/KEY: unsure
 267 <223> LOCATION: (1)..(227)
 268 <223> OTHER INFORMATION: unsure at all n locations
 269 <400> SEQUENCE 22
 270 qatcgttgc agttaaatgtt gaaaccaaga qtttttttttccat qtttttttttccat 60
 271 atgtgtgtat ttttttttttccat qtttttttttccat qtttttttttccat qtttttttttccat 120
 W--> 272 tgagnthnctc ttgcattgc aagtgttgc ttttttttttccat qtttttttttccat 180

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/490,609B

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Input Set : **A:\3170SeqList.txt**
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L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
 L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
 L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
 L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
 L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
 L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
 L:297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
 L:316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
 L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
 L:426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
 L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
 L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
 L:482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
 L:539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
 L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
 L:662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
 L:783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
 L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
 L:819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
 L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
 L:877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
 L:896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
 L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
 L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
 L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
 L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
 L:940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
 L:942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
 L:957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
 L:959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
 L:961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
 L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
 L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
 L:997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
 L:999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
 L:1001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
 L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
 L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
 L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
 L:1037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
 L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
 L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
 L:1058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
 L:1060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
 L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
 L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59

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L: 1079 M: 341 W: (46) "n" or "Xaa" used, for SEQ ID#: 59
L: 1094 M: 341 W: (46) "n" or "Xaa" used, for SEQ ID#: 60